

ABSTRACT OF DISCLOSURE

A heater lamp control apparatus and method of detecting an input AC voltage and providing a pulse signal corresponding thereto, includes an AC voltage phase detection unit to detect a phase of the inputted AC voltage when a magnitude of the inputted AC voltage is over a predetermined level. The heater lamp control apparatus also includes a pulse signal generation unit to generate a pulse reference signal based on a result of the detection, a pulse delay signal that is phase-delayed, and a heater lamp control pulse signal based on a result of the comparison of the magnitudes of the pulse reference signal and the pulse delay signal. The heater lamp control pulse signal includes a control unit to control a drive-timing of the heater lamp based on the heater lamp control pulse signal. Thus, the heater lamp control apparatus minimizes a flickering phenomenon as well as an amount of electric power consumed in a heater lamp.